

ABSTRACT OF THE DISCLOSURE

A fermentation method for the production of 2-oxoglutaramic acid including the step of incubating L-glutamine in the presence of bacteria of the genera *Providencia* and *Proteus*, including *Providencia* sp. PCM-1270 and PCM-1298 and *Proteus mirabilis* PCM-1353. The incubation typically is conducted in an aqueous slurry of solid L-glutamine, a buffer, catalase and the bacteria cells. Typically, a wet cell pellet mass of cells of at least 1% by weight of the incubation mixture is included in the L-glutamine-containing incubation mixture. A bacteria culture containing the bacteria and L-glutamine is provided along with a bacteria culture containing the bacteria and 2-oxoglutaramic acid, the product of the above-described method.